Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	09/15/2016 09/15/2016	Herman Phillips

LM Start		Rating **	Α	Issue No. 25							
LM End		Issue Type +	Ma	Location * WS							
Category	Earthen Levee			GPS La	atitude	/Longitude					
Calegory			Start		End						
Item	Operations & Maintenance Manuals				0		0				
пеш					0		0				
DWR ID	DWR_ST0007_01_s _ 2013_25										
		Comn	nent Cod	de							
		Inspecto	or Comm	nent							
The Sacra	mento Mai	ntenance Yar	d has a	copy of the	O&M	Manual.					

No Photos

LM Start		Rating **	Α	Issue No.		26	
LM End		Issue Type +	Ma	Location *		WS	
Category	Earthen L	GPS La	atitud	le/Longitude			
Category				Start		End	
Item	Emergency Supplies &				٥		0
пеш	Equipmer	nt			0		0
DWR ID	DWR_ST0						
		Comn	nent Cod	de			

No Photos

Inspector Comment

The Sacramento Maintenance Yard has adequate emergency supplies stored.

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

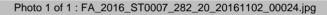
Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	09/15/2016 09/15/2016	Herman Phillips

LM Start		Rating **	Α	Issue No.		27	
LM End		Issue Type +	Ма	Location *	WS		
Category Earthen Levee							
Calegory				Start		End	
Flood Preparedness & Training				0		0	
Item					0		0
DWR ID	DWR_ST0	007_01_s _ 201	3_27				
		Comn	nent Cod	le			
		Inspecto	or Comm	ent			
The Sacra	mento Mai	ntenance Yar	d trains	yearly for flo	boc	fighting.	

No Photos

LM Start	0.00	Rating **	Α	Issue No.	No. 20		
LM End	8.70	Issue Type +	Ma	Location *	LS		
Category	Earthen L	GPS La	atitud	e/Longitude			
Calegory				Start		End	
Item	Vegetatio	n		38.5236	23°	38.523945°	
item				-121.631427°		-121.783301 °	
DWR ID	DWR_ST0	007_01_f _ 201	6_20				
		Comn	nent Cod	de			
V1 : Contre easements		grass and wee	ds on th	e levee slo	pes a	and	
	Inspector Comment						





Putah Creek Unit 1 levee mile 0.00 landside slope.

LM Start	0.00	0.00 Rating ** A Issue No.				21		
LM End	8.70	Issue Type +	Ма	Location *	WS			
Category Earthen Levee			GPS La	atitud	de/Longitude			
			Start		End			
Item	Vegetatio	egetation			23 °	38.523945°		
item				-121.6314	27°	-121.783301°		
DWR ID	DWR_ST00	007_01_f _ 2010	6_21					
		Comn	nent Cod	le				
	V1 : Control annual grass and weeds on the levee slopes and easements.							

Inspector Comment



Putah Creek Unit 1 levee mile 0.00 waterside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	09/15/2016 09/15/2016	Herman Phillips

		D :: ++					
LM Start	0.04	Rating **	М	Issue No.	2		
LM End	0.12	Issue Type +	Ma	Location *	WS		
Supplemental			GPS La	atitud	le/Longitude		
Calegory		Start		End			
2015 USACE Erosion Survey,			38.5231	19°	38.521968 °		
Item	DRAFT			-121.631356 °		-121.631519°	
DWR ID	DWR_ST0	007_01_f _ 2016	6_2				
		Comn	nent Cod	de			
Inspector Comment							
2011 - Old	cobble sit	e is unravelin	g, likely o	causing the	toe	of the bank to	

become unstable. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_0-1_L]

Rating ** Issue No. LM Start 0.30 Μ 28 Location * Issue Type + LS LM End 0.33 Ma Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 38.520126° 38.520009 Item -121.633869° -121.634365 ° DWR ID DWR_ST0007_01_f _ 2012_28 **Comment Code** A1: Exterminate rodents and backfill and compact or grout burrows. Inspector Comment

No Photos

No Photos

N: Not Inspected/Rated A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	09/15/2016 09/15/2016	Herman Phillips

LM Start	6.88	Rating **	М	Issue No.		1		
LM End	6.93	Issue Type +	Ма	Location *		WS		
Category	Supplemental				atitud	e/Longitude		
Calegory				Start		End		
ltom	2015 USACE Erosion Survey,			38.5173	862°	38.517355	0	
	DRAFT	-121.751778°		-121.752824	0			
DWR ID	DWR_ST0	007_01_f _ 201	5_1					
		Comn	nent Cod	de				
	Inspector Comment							
2011 - The	2011 - The toe to mid-hank is slumping. Large tree pon-outs have							

2011 - The toe to mid-bank is slumping. Large tree pop-outs have furthered the erosion. Slope is slightly steeper than 1:1. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_7-2_L]

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

		D-4: **	Δ.	Issue No.	I			
LM Start	0.00	Rating **	Α	issue ivo.		17		
LM End	3.93	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory		Start		End				
Item	Vegetatio	า		38.5047	'43 °	38.515648°		
item				-121.663298°		-121.727545°		
DWR ID	DWR_ST0007_02_f _ 2016_17							
		Comn	nent Cod	de				
V1 : Contro easements		rass and wee	ds on th	e levee slo	pes a	and		
		Inspecto	or Comm	nent				



Putah Creek looking downstream from levee mile 0.00 landside.

LM Start	0.01	Rating **	M	Issue No.		18		
LM End	0.01	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS La	le/Longitude			
Calegory				Start		End		
Encroachments			38.5048	70°	38.504870°			
Item				-121.6631	-121.663157°			
DWR ID	DWR_ST0007_02_f _ 2016_18							
		Comn	nent Cod	de				
PI : Pipe								
		Inspect	or Comm	nent				
Remove th	ne old disc	arded pipe fro	m the le	vee section	١.			



Putah Creek Unit 2 waaterside levee mile 0.01.

Page 2 of 6

Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

LM Start	0.02	Rating **	Α	Issue No.		19		
LM End	3.93	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
			Start		End			
Item	Vegetation			38.5049	50°	38.515648°		
item				-121.663137 °		-121.727545°		
DWR ID	DWR_ST0	007_02_f _ 2010	6_19					
		Comn	nent Coo	de				
V1 : Contro easements		grass and wee	eds on th	e levee slop	oes :	and		
Inspector Comment								

No Photos

LM Start 0.24 Rating ** Issue No. 21 Issue Type + Location * 0.31 Ma LS LM End Earthen Levee GPS Latitude/Longitude Category End **Animal Control** 38.508123° 38.509105° Item -121.663543° -121.662915°

DWR ID DWR_ST0007_02_f _ 2016_21

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents and backfill the burrows.

LM Start	2.00	Rating **	М	Issue No.		9	
LM End	2.07	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		38.5153	56°	38.515398	0
item		-121.6931	68°	-121.694590	0		
DWR ID	DWR_ST0	007_02_s _ 201	3_9				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents at this location, no rodents were observed but there are several burrows present.

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

LM Start	3.93	Rating **	U	Issue No.		30		
LM End	4.03	Issue Type +	Ма	Location *	Location * LS			
Category	Earthen L	evee		GPS L	atitud	le/Longitude		
			Start		End			
Item	Vegetatio	n		38.5156	648°	38.515693°		
item			-121.729338°					
DWR ID	DWR ID DWR_ST0007_02_f _ 2016_30							
		Comn	nent Cod	de				
V1 : Contre easements		grass and wee	eds on th	e levee slo	pes	and		
		Inspecto	or Comm	nent				
Remove th	ne tall gras	ses on the lar	ndside sl	oe and toe.				



Putah Creek Unit 2 levee mile 3.93-4.03 landside shoulder and slope...

LM Start	3.95	Rating **	М	Issue No.		31
LM End	5.27	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory		Start		End		
Item	Vegetatio	Vegetation			62°	38.515417°
item			-121.727795 °		° -121.752242 °	
DWR ID	DWR_ST0	007_02_f _ 2010	6_31			
		Comn	nent Cod	de		
V1 : Contro easements		grass and wee	ds on th	e levee slo	pes a	and
		Inspecto	or Comm	nent		
Control the	vegetatio	n on the wate	rside slo	pe.		

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

LM Start	4.03	Rating **	Α	Issue No.		33		
LM End	5.12	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory		Start		End				
Vegetation			38.5156	93°	38.515368	0		
Item				-121.729338°		-121.749355	0	
DWR ID	DWR_ST0007_02_f _ 2016_33							
		Comn	nent Cod	de				
		rass and wee	ds on th	e levee slop	oes a	and		
easements	S.							
	Inspector Comment							

No Photos

LM Start	5.30	Rating **	M	Issue No.	13		
LM End	5.48	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Animal Co	ontrol		38.51537	77°	38.515418	٥
пеш				-121.75279	95 °	-121.756028	٥

DWR ID DWR_ST0007_02_f _ 2012_13

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are bait stations placed in the area for the rodents.

NIA	Dhotoo	

	LM Start	5.85	Rating **	M	Issue No.		36	
	LM End	5.89	Issue Type +	Ма	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude					
	Category				Start		End	
	Vegetation Item			38.5163	85°	38.516605	0	
	Item				-121.7625	28°	-121.763043	0
	DWR ID DWR_ST0007_02_f _ 2016_36							
			_					

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the wild vegetation from the waterside slope.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side	A : Acceptable M : Minimally Acceptable	N : Not Inspected/Rated C : Corrected	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

LM Start	6.49	Rating **	М	Issue No.		27	_
LM End	6.50	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation				22 °	38.518230	0
пеш				-121.7737	35 °	-121.773838	0
DWR ID DWR_ST0007_02_f _ 2015_27							
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Young walnut trees on waterside levee slope. Need to be removed. Planted there by the landowner.

LM Start	6.52	Rating **	М	Issue No.	11		
LM End	6.70	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Item	Encroach	ments	38.5184	04°	38.519938 °		
Item			-121.7741	58°	-121.776952°		
DWR ID	DWR ID DWR_ST0007_02_s _ 2012_11						
	Comment Code						
MA : Material							
Inspector Comment							

Conair containers and other storage units on the landside easement.

No Photos

No Photos

LS : Land Side N/A : Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

6.59	Rating **	М	Issue No.		28	
6.66	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Trim / Thin Trees					38.519538°	
item				13°	-121.776275°	
DWR ID DWR_ST0007_02_f _ 2015_28						
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						
	6.66 Earthen L Trim / Thin	6.66 Issue Type + Earthen Levee Trim / Thin Trees DWR_ST0007_02_f _ 2019 Common rees to at least five feet	6.66 Issue Type + Ma Earthen Levee Trim / Thin Trees DWR_ST0007_02_f_2015_28 Comment Coorees to at least five feet above g	6.66 Issue Type + Ma Location * Earthen Levee GPS Li Start Trim / Thin Trees 38.5190 -121.7753 DWR_ST0007_02_f _ 2015_28 Comment Code rees to at least five feet above ground level	6.66 Issue Type + Ma Location * Earthen Levee GPS Latitud Start Trim / Thin Trees 38.519033 ° -121.775313 ° DWR_ST0007_02_f _ 2015_28 Comment Code rees to at least five feet above ground level.	

No Photos

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement